

(19) World Intellectual Property  
Organization  
International Bureau



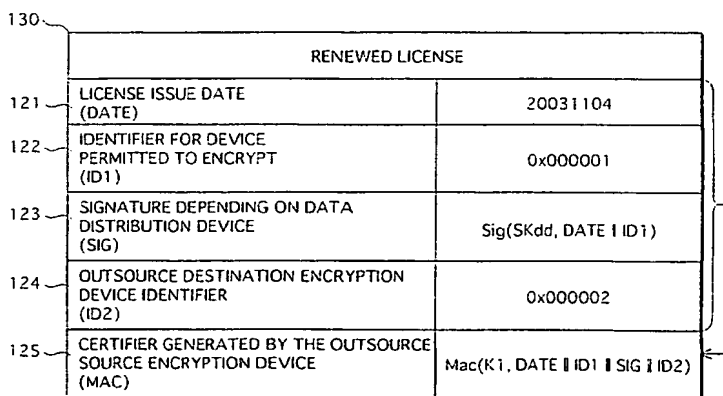
(43) International Publication Date  
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number  
**WO 2005/088891 A2**

- (51) International Patent Classification<sup>7</sup>: **H04L 9/00**
- (21) International Application Number:  
PCT/JP2005/004873
- (22) International Filing Date: 14 March 2005 (14.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
2004-073086 15 March 2004 (15.03.2004) JP  
2004-073085 15 March 2004 (15.03.2004) JP
- (71) Applicant (for all designated States except US): **MAT-SUSHITA ELECTRIC INDUSTRIAL CO., LTD.**  
[JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka,  
5718501 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **NAKANO, Toshihisa. ISHIHARA, Hideshi. TATEBAYASHI, Makoto.**
- (74) Agents: **NAKAJIMA, Shiro** et al.; 6F, Yodogawa  
5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi,  
Osaka, 5310072 (JP).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ENCRYPTION DEVICE, KEY DISTRIBUTION DEVICE AND KEY DISTRIBUTION SYSTEM



(57) Abstract: A key distribution system distributes key data for using content to a second encryption device that has been legitimately outsourced processing by a first encryption device. The first encryption device acquires permission information indicating that the first encryption device has permission to use the content, generates certification information by making an irreversible alteration to the permission information, and transmits the permission information and the certification information to the second encryption device. The second encryption device receives the permission information and the certification information, sends them to a key distribution device, and acquires the key data from the key distribution device. The key distribution device receives the permission information and the certification information, judges whether or not the certification information was generated by the first encryption device, and if judging in the affirmative, transmits the key data to the second encryption device.